

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM
LISTING SERVICE



LISTING No. 3225-1721:102

Page 1 of 1

CATEGORY: Fire Dampers

LISTEE: NCA Mfg. Inc., 1985 Carroll St., Clearwater, FL 33765
Contact: Jim Meats (717) 441-2651 Fax (888) 713-3285
jmeats@metalaire.com

DESIGN: Models FSD-3V-211, FSD-3V-212, FSD-3V-231, FSD-3V-232, SSD-3V-201 and SSD-3V-202 fire rated dampers. Refer to listee's data sheet for additional detailed product description and operational considerations.

Models	Position	Single Section				Multiple Assemblies		Rating Hour
		Width		Height		Width	Height	
		Min.	Max.	Min.	Max.	Max.	Max.	
FSD-3V-211	V	8"	36"	6"	48"	108"	96"	1-1/2
	H	8"	36"	6"	48"	72"	96"	1-1/2
FSD-3V-212	V	6"	36"	6"	48"	108"	96"	1-1/2
	H	6"	36"	6"	48"	72"	96"	1-1/2
FSD-3V-231	V	8"	36"	6"	48"	72"	48"	3
	H	8"	36"	6"	48"	72"	48"	3
FSD-3V-232	V	6"	36"	6"	48"	72"	48"	3
	H	6"	36"	6"	48"	72"	48"	3

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, classification rating, and UL label.

APPROVAL: Listed as 1-1/2 or 3 hours rated dampers. Intended for vertical or horizontal installation in heating, ventilating and air conditioning duct systems passing through fire resistive walls and partitions. Refer to listee's Installation Instruction Manual for details.

06-11-08 JW



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JANUARY 9, 2009**

Listing Expires **June 30, 2009**

Authorized By: **BEN HO, Chief**
Fire Engineering Division